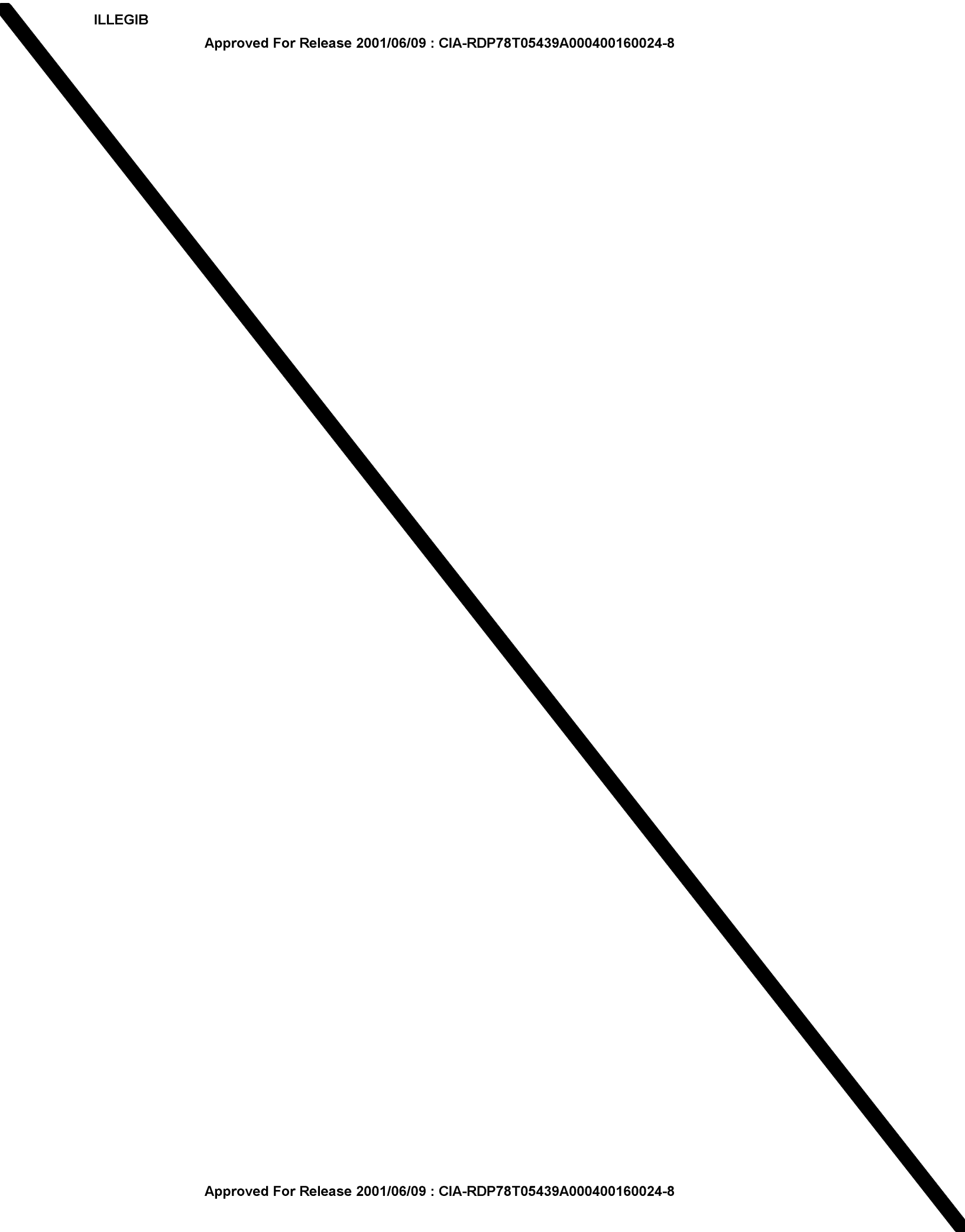

Approved For Release 2001/06/09 : CIA-RDP78T05439A000400160024-8

TCS 8395/64
M/EB 474/64
28 September 1964
Copy 2

MEMORANDUM FOR: Chief, Ballistic Missiles and Space Division, OSI

25X1A ATTENTION: [redacted] Ballistic Missiles Systems Branch

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

SUBJECT: Plesetsk SS-6 Complexes

REFERENCES: (a) Requirement C-SI-4-81,637
(b) CIA/PID Project C 1235-64

1. This memorandum is in response to your requirement dated 27 July 1964 which requests analysis of the launching facilities together with certain sketches and dimensions of the SS-6 launch points at the Plesetsk ICBM Complex.

25X1D [redacted]

Attached are Xerox copies of perspective drawings and plan views of Launch Points I and II and the launch pad at Launch Point III, which are intended to constitute a prerelease of the data. It will shortly be published in a hard copy format.

Launch Points I and II (Figures 1, 2, and 3) are completed Type I facilities located 5.5 nautical miles (nm) west-northwest of the complex support facility. They are situated within an inverted L-shaped area lying on a north-south axis. The width of the area varies from 1300 to 2300 feet and the length on the east side is 5400 feet. The area is enclosed by a triple security fence, although its trace on the north side is obscure.

The following features have been observed for the first time:

(a) Rail spurs and rail alignment. Two spurs enter and leave the ready building, the easternmost appearing, as far as can be determined on this scale, to pass through Buildings 7 and 9 (Figure 2). Two probable short spurs extend from the rear of the ready building to Building 2. One spur bypasses the ready building. Each launch pad is served by four short spurs which branch about 515 feet behind the pad. A probable spur services the area between the pads.

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b. Additional buildings. A number of very small buildings (Numbers 1, 2, 4, 8, 10, 11, 12, 14, 15, 16, and 18 of Figure 2) were previously unreported. Three of these have parking aprons the width of the building in front.

c. Missile ready building shape. (Figures 1 and 2.) The outline is not regularly rectangular, but has a 215 by 30-foot projection running along the middle half of the western side. The length is 465 feet and maximum width is 135 feet.

d. Open storage. (Figure 2.) An open storage area, apparently serviced by the rail bypass, is located immediately west of the missile ready building.

e. Launch point, associated structures, and equipment. (Figure 2.) A square (75 by 75-foot) concrete flame deflector, with a settling basin to one side is situated beneath each pad at the base of the escarpment. A very approximate measurement of the distance between pad and base of the deflector is 75 feet. The pad shapes are not square, but irregularly rectangular, about 315 by 135 feet, with a projection on the east side, a slightly wider portion from the center forward on the west side, and beveled front corners. Probable rail cars are present on each pad. The diameter of the dark ring present on the pads is about 55 feet.

Launch Point III (Figures 4 and 5) is a completed Type I launch facility situated on the south bank of the Yemsta River, 3.75 nm northwest of the complex support facility. Partial views are included because [redacted] 25X1D gives the best impression to date on KH-4 photography of the nature of the missile gantry. A reflection angle illuminates a circular top (with a very approximate diameter measurement of 30 feet) and two supporting legs. Shadows indicate the structure tapers at about midpoint, and is steel-trussed.

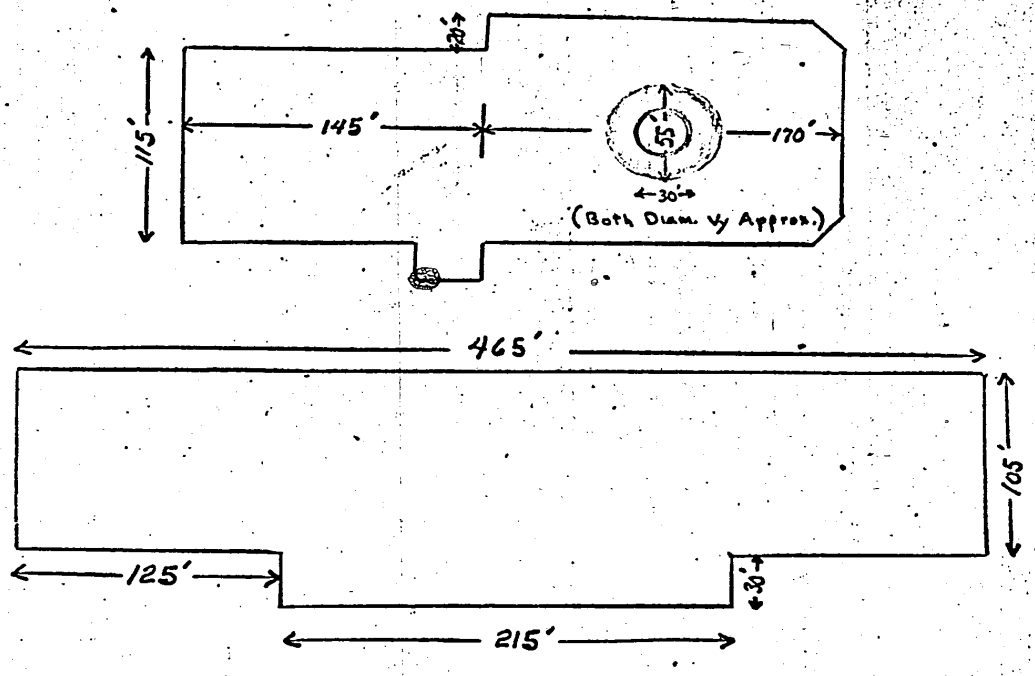
25X1A 3. The photo analyst on this project is [redacted] who may be contacted on extension 2078 should you have any further questions concerning this project.

4. This project is considered to be complete, and a published report will follow in the near future.

25X1A

[redacted]

Enclosures:
1 - Three (3) line drawings (Figures 1, 2, & 4) CIA/PID/MEB-P-884/64, P-885/64 & P-887/64
2 - Two (2) perspective drawings (Figures 3 & 5) CIA/PID/MEB-P-886/64 & P-888/64



PAD AND MISSILE READY BUILDING MEASUREMENTS LAUNCH POINTS I & II PLESETSK ICBM COMPLEX

Figure 1
CIA/PID/MEB-P-884/64
Attach to: TCS 8395/64
M/EB 474/64

Fig 1
884

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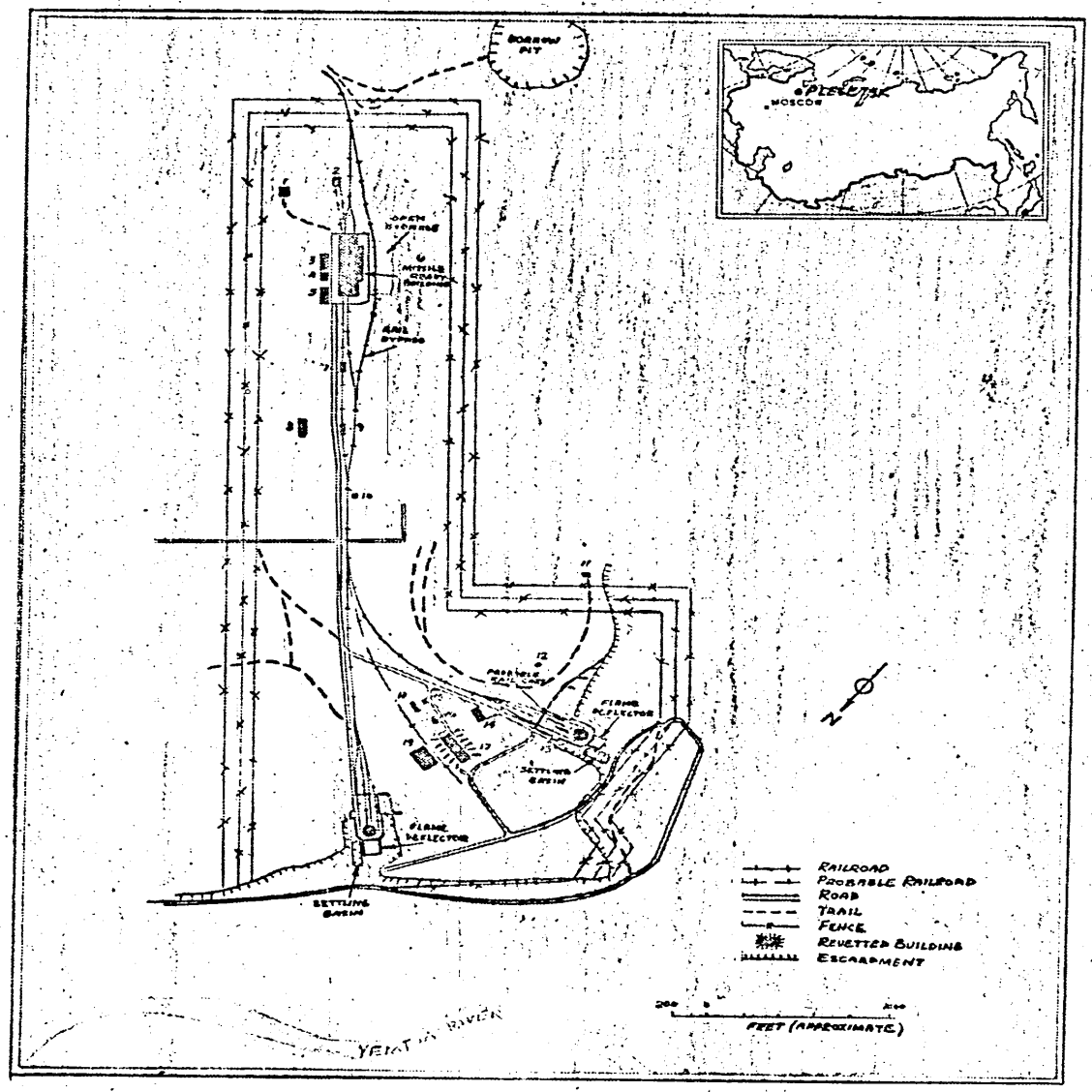
TOP SECRET RUFF

TOP SECRET RUFF



LAUNCH POINTS I & II

Fig 2 885

TOP SECRET RUFF

Figure 2
CIA/PID/MEB-P-885/64
Attach to: TCS 8395/64
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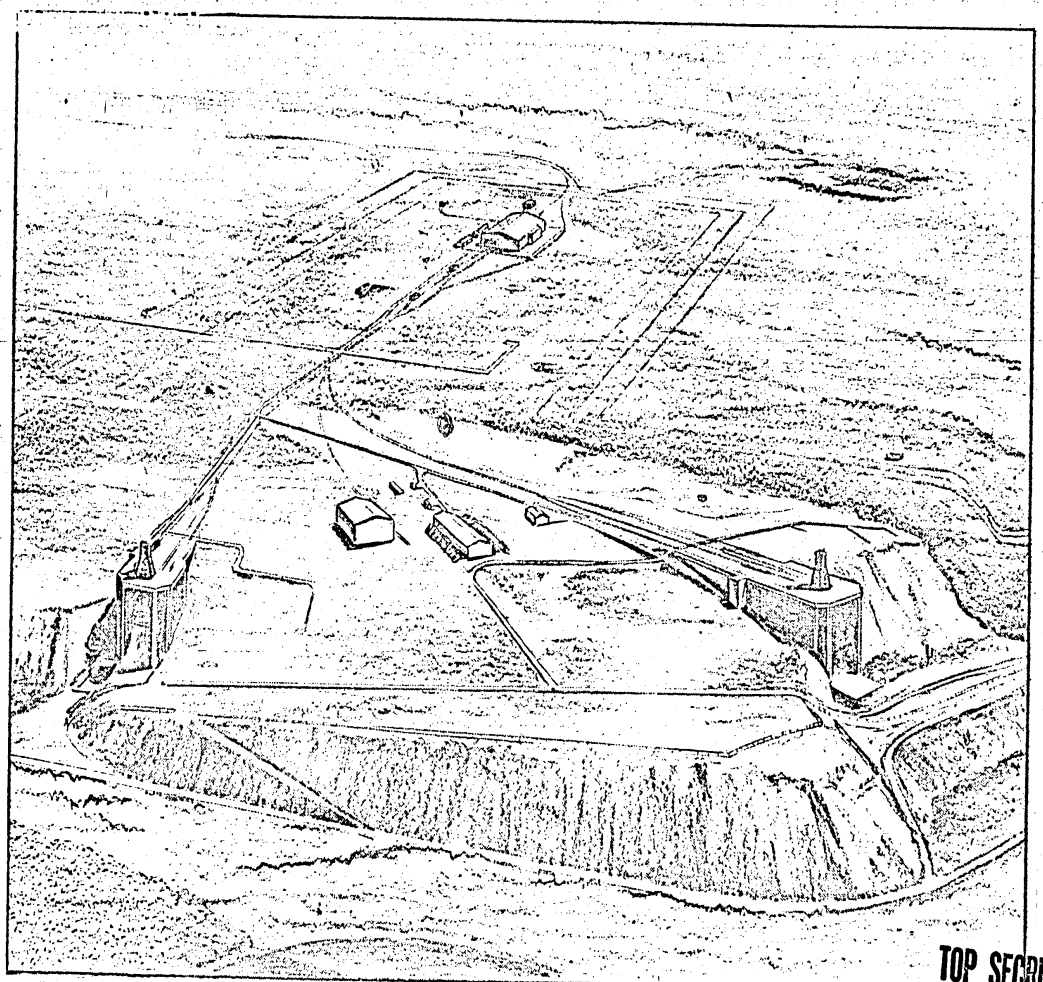
TOP SECRET RUFF

Figure 3
CIA/PID/MEB-P-886/64
Attach to: TCS 8395/64
M/EB 474/64



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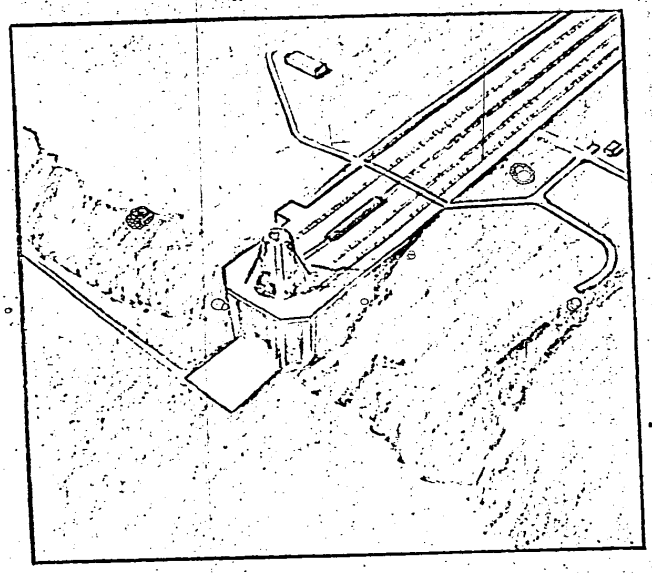
TOP SECRET RUFF

Fig 3

ANTI-SAT CONCEPT, LAUNCH POINTS 1 & 2

TOP SECRET RUFF



LAUNCH POINT III
ARTIST'S CONCEPT

TOP SECRET RUFF

Figure 4
CIA/PID/MEB-P-887/64
Attach to: TCS 8395/64
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Fig 4

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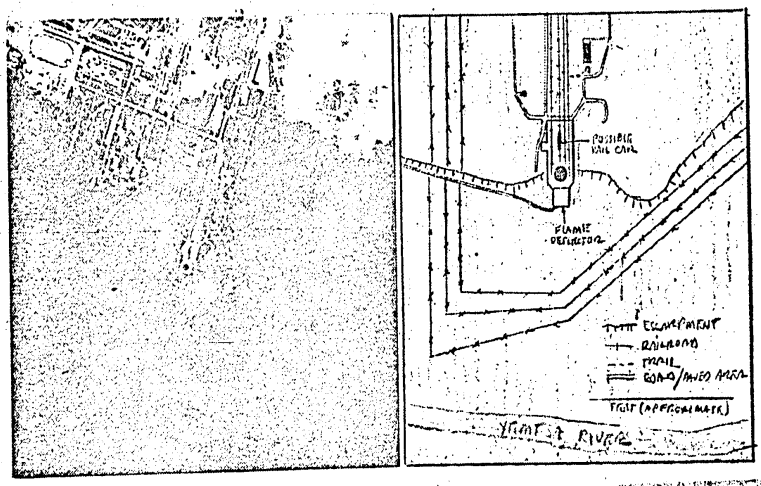
TOP SECRET RUFF



LAUNCH POINT III

Figure 5
CIA/PID/MEB-P-888/64
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TOP SECRET RUFF

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